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**AVOIDANT PERSONALITY DISORDER** see **PERSONALITY DISORDERS**

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## AWARDS AND PRIZES

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**AXON-ASSOCIATED ADHESION MOLECULES** see **CELL ADHESION MOLECULES, NEURONAL**

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## AZLOCILLIN

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Comparison of a beta-lactam alone versus beta-lactam and an aminoglycoside for pulmonary exacerbation in cystic fibrosis. Smith AL, et al. **J Pediatr** 1999 Apr;134(4):413-21

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Interaction of 7-hydroxy-8-(phenylazo)1,3-naphthalenedisulfonate with bovine plasma albumin. Spectroscopic studies. Patel AB, et al. **J Biol Chem** 1999 Jul 30;274(31):21755-62

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Antimicrotubular effect of calvatic acid and of some related compounds. Gadoni E, et al. **Cell Biochem Funct** 1995 Dec; 13(4):231-8
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Effects of inhaled KAA-276, a selective histamine H1 receptor antagonist, on antigen- and histamine-induced bronchoconstriction in animals. Kobayashi T, et al.
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Formation of azole-resistant Candida albicans by mutation of sterol 14-demethylase P450. Asai K, et al.
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The inhibition of mammalian 15-lipoxygenases by the anti-inflammatory drug ebselen: dual-type mechanism involving covalent linkage and alteration of the iron ligand sphere. Walther M, et al. **Mol Pharmacol** 1999 Jul; 56(1):196-203
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**AZOMONAS** see **AZOTOBACTERACEAE**

**AZOOSPERMIA** see **OLIGOSPERMIA**

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## AZOSPIRILLUM

### CLASSIFICATION

Emergence of a laccase-positive variant of Azospirillum lipoferum occurs via a two-step phenotypic switching process. Alexandre G, et al. **FEMS Microbiol Lett** 1999 May 15;174(2):371-8

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## AZOSPIRILLUM BRASILENSE

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### ENZYMOLOGY

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Purification and binding analysis of the nitrogen fixation regulatory NifA protein from Azospirillum brasilense. Passaglia LM, et al. **Braz J Med Biol Res** 1998 Nov; 31(11):1363-74
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Bacterial chemotactic motility is important for the initiation of wheat root colonization by Azospirillum brasilense. Vande Broek A, et al. **Microbiology** 1998 Sep;144 ( Pt 9):2599-606

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**AZOTEMIA** see **UREMIA**

## AZOTOBACTER

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Cloning and expression of the algL gene, encoding the Azotobacter chroococcum alginate lyase: purification and characterization of the enzyme. Peciña A, et al. **J Bacteriol** 1999 Mar;181(5):1409-14

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Crystallization and preliminary crystallographic investigations of rhodanese from Azotobacter vinelandii. Bordo D, et al. **Acta Crystallogr D Biol Crystallogr** 1999 Aug;55 ( Pt 8):1471-3
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Requirement of NifX and other nif proteins for in vitro biosynthesis of the iron-molybdenum cofactor of nitrogenase. Shah VK, et al. **J Bacteriol** 1999 May; 181(9):2797-801
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Incorporation of molybdenum into the iron-molybdenum cofactor of nitrogenase. Allen RM, et al. **J Biol Chem** 1999 May 28;274(22):15869-74
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The crystal structure of NADPH:ferredoxin reductase from Azotobacter vinelandii. Sridhar Prasad G, et al. **Protein Sci** 1998 Dec;7(12):2541-9

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Mutagenesis studies of the FeSII protein of Azotobacter vinelandii: roles of histidine and lysine residues in the protection of nitrogenase from oxygen damage. Lou J, et al. **Biochemistry** 1999 Apr 27;38(17):5563-71
Transcriptional organization of the Azotobacter vinelandii algGXLVIFA genes: characterization of algF mutants. Vazquez A, et al. **Gene** 1999 May 31;232(2):217-22
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Cloning and expression of three new Aazotobacter vinelandii genes closely related to a previously described gene family encoding mannuronan C-5-epimerases. Svanem BI, et al. **J Bacteriol** 1999 Jan;181(1):68-77
Stable electrotransformation of symbiont candidate diazotrophic bacterium with plasmids carrying selectable and screenable marker genes. Korányi P, et al. **Res Microbiol** 1998 May;149(5):361-72

#### METABOLISM

Kinetics of all stages of electron transfer in nitrogenase in the presence of a photodonor. Syrtsova LA, et al. **Biochemistry (Mosc)** 1998 Aug;63(8):1007-13
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A T14C variant of Azotobacter vinelandii ferredoxin I undergoes facile [3Fe-4S]0 to [4Fe-4S]2+ conversion in vitro but not in vivo. Gao-Sheridan HS, et al. **J Biol Chem** 1998 Dec 11;273(50):33692-701
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The Azotobacter vinelandii response regulator AlgR is essential for cyst formation. Núñez C, et al. **J Bacteriol** 1999 Jan;181(1):141-8

## AZOTOBACTERACEAE

#### METABOLISM

[Protective effects of agar during immobilization of strains capable to degrade aromatic compounds] Fedorov AIu, et al. **Prikl Biokhim Mikrobiol** 1999 Mar-Apr;35(2):165-72 (Eng. Abstr.) **(Rus)**

## AZOXYMETHANE

Azoxymethane-induced fulminant hepatic failure in C57BL/6J mice: characterization of a new animal model. Matkowskyj KA, et al. **Am J Physiol** 1999 Aug;277(2 Pt 1):G455-62
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Polyethylene-glycol, a potent suppressor of azoxymethane-induced colonic aberrant crypt foci in rats. Corpet DE, et al. **Carcinogenesis** 1999 May;20(5):915-8
Carcinogen and dietary lipid regulate ras expression and localization in rat colon without affecting farnesylation kinetics. Davidson LA, et al. **Carcinogenesis** 1999 May; 20(5):785-91

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The chemopreventive role of ursodeoxycholic acid in azoxymethane-treated rats: suppressive effects on enhanced group II phospholipase A2 expression in colonic tissue. Ikegami T, et al. **Cancer Lett** 1998 Dec 25;134(2):129-39
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#### PHARMACOLOGY

Effects of beta-glucuronidase-deficient and lycopene-producing Escherichia coli strains on formation of azoxymethane-induced aberrant crypt foci in the rat colon. Arimochi H, et al. **Biochem Biophys Res Commun** 1999 Aug 27;262(2):322-7

#### TOXICITY

Effects of soy or rye supplementation of high-fat diets on colon tumour development in azoxymethane-treated rats. Davies MJ, et al. **Carcinogenesis** 1999 Jun;20(6):927-31
Preliminary analysis of azoxymethane-induced colon tumorigenesis in mouse aggregation chimeras. Wang QS, et al. **Carcinogenesis** 1999 Apr;20(4):691-7
Altered expression of cyclin D1 and cyclin-dependent kinase 4 in azoxymethane-induced mouse colon tumorigenesis. Wang QS, et al. **Carcinogenesis** 1998 Nov;19(11):2001-6
Chemopreventive effect of N-(2-cyclohexyloxy-4-nitrophenyl)methane sulfonamide (NS-398), a selective cyclooxygenase-2 inhibitor, in rat colon carcinogenesis induced by azoxymethane. Yoshimi N, et al. **Jpn J Cancer Res** 1999 Apr;90(4):406-12
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**AZT (ANTIVIRAL)** see **ZIDOVUDINE**

## AZTREONAM

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**B16 MELANOMA** see **MELANOMA, EXPERIMENTAL**

**B19 VIRUS** see **PARVOVIRUS B19, HUMAN**

**B-50 PROTEIN** see **GAP-43 PROTEIN**

**B220 ANTIGENS** see **ANTIGENS, CD45**

**B-ALL** see **LEUKEMIA, B-CELL, ACUTE**

**B- AND T-CELL ACUTE LYMPHOBLASTIC LEUKEMIA** see **LEUKEMIA, MIXED-CELL**

**B- AND T-CELL LEUKEMIA, ACUTE** see **LEUKEMIA, MIXED-CELL**

**B-CELL ACTIVATION ANTIGEN** see **ANTIGENS, CD80**

**B-CELL DIFFERENTIATION ANTIGENS** see **ANTIGENS, DIFFERENTIATION, B-LYMPHOCYTE**

**B-CELL DIFFERENTIATION FACTOR-2** see **INTERLEUKIN-6**

**B-CELL EPITOPES** see **EPITOPES, B-LYMPHOCYTE**

**B-CELL GENE REARRANGEMENT** see **GENE REARRANGEMENT, B-LYMPHOCYTE**

**B-CELL GROWTH FACTOR-I** see **INTERLEUKIN-4**

**B-CELL GROWTH FACTOR-II** see **INTERLEUKIN-5**

**B-CELL HEAVY CHAIN GENE REARRANGEMENT** see **GENE REARRANGEMENT, B-LYMPHOCYTE, HEAVY CHAIN**

**B-CELL LEUKEMIA** see **LEUKEMIA, B-CELL**

**B-CELL LEUKEMIA, ACUTE** see **LEUKEMIA, B-CELL, ACUTE**

**B-CELL LEUKEMIA, CHRONIC** see **LEUKEMIA, B-CELL, CHRONIC**

**B-CELL LIGHT CHAIN GENE REARRANGEMENT** see **GENE REARRANGEMENT, B-LYMPHOCYTE, LIGHT CHAIN**

**B-CELL LYMPHOMA** see **LYMPHOMA, B-CELL**

**B-CELL STIMULATORY FACTOR-1** see **INTERLEUKIN-4**

**B-CELL STIMULATORY FACTOR-2** see **INTERLEUKIN-6**

**B-CELL SUBSETS** see **B-LYMPHOCYTE SUBSETS**

**B-CELLS** see **B-LYMPHOCYTES**

**B FIBERS** see **AUTONOMIC FIBERS, PREGANGLIONIC**

**B-K MOLE SYNDROME** see **DYSPLASTIC NEVUS SYNDROME**

**B-RAF** see **PROTO-ONCOGENE PROTEINS C-RAF**

**B VIRUS** see **HERPESVIRUS 1, CERCOPITHECINE**

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see related
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**BACTERIAL DNA** see **DNA, BACTERIAL**

**BACTERIAL ELONGATION FACTOR TU** see **PEPTIDE ELONGATION FACTOR TU**

**BACTERIAL EYE INFECTIONS** see **EYE INFECTIONS, BACTERIAL**

**BACTERIAL GENE EXPRESSION REGULATION** see **GENE EXPRESSION REGULATION, BACTERIAL**

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**BAIJI** see **DOLPHINS**

**BAKER'S CYST** see **POPLITEAL CYST**

**BAKER'S YEAST** see **SACCHAROMYCES CEREVISIAE**

**BAKING SODA** see **SODIUM BICARBONATE**

**BAL** see **DIMERCAPROL**

**BALAENA** see **WHALES**

**BALAENIDAE** see **WHALES**

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**BALDNESS** see **ALOPECIA**

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**BALLOON CATHETERIZATION** see **BALLOON DILATATION**

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**BATS** see **CHIROPTERA**

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**BCL-2 PROTO-ONCOGENE PROTEINS** see **PROTO-ONCOGENE PROTEINS C-BCL-2**

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## BENDROFLUMETHIAZIDE

## BENDROFLUMETHIAZIDE

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**BENZALKONIUM** see **BENZALKONIUM COMPOUNDS**

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## BENZALKONIUM COMPOUNDS

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**BENZENE HEXACHLORIDE** see **LINDANE**

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**BENZETIMIDE** see **DEXETIMIDE**

**BENZHEXOL** see **TRIHEXYPHENIDYL**

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**BENZODIAZEPINE-GABA RECEPTORS** see **RECEPTORS, GABA-A**

**BENZODIAZEPINE TRANQUILIZERS** see **ANTI-ANXIETY AGENTS, BENZODIAZEPINE**

## BENZODIAZEPINES

see related
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**BENZODIONES** see **BENZOQUINONES**

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**3,4-BENZOPYRENE** see **BENZO(A)PYRENE**

**BENZOPYRENE DIHYDRODIOLS** see **DIHYDROXYDIHYDROBENZOPYRENES**

## BENZOPYRENE HYDROXYLASE

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**BENZOPYRENE-3-MONOOXYGENASE** see **BENZOPYRENE HYDROXYLASE**

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**1,4-BENZOPYRONES** see **CHROMONES**

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Inhibition of prostaglandin-H-synthase by o-phenylphenol and its metabolites. Freyberger A, et al. **Arch Toxicol** 1998 Oct;72(10):637-44

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**1,2-BENZOQUINONES** see **BENZOQUINONES**

**1,4-BENZOQUINONES** see **BENZOQUINONES**

**BENZOTHIADIAZINE DIURETICS** see **DIURETICS, THIAZIDE**

## BENZOTHIADIAZINES

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Determination of bentazon residues in water by high-performance liquid chromatography. Validation of the method. Pinto GM, et al. **J Chromatogr A** 1999 Jun 18;846(1-2):369-74

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The diazoxide derivative 7-chloro-3-methyl-3,4-dihydro-2H-1,2,4-benzothiadiazine-S,S-dioxide augments AMPA- and GABA-mediated synaptic responses in cultured hippocampal neurons. Yamada KA, et al. **Neurobiol Dis** 1998 Sep;5(3):196-205

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### PHARMACOLOGY

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Acute basagran poisoning mimicking neuroleptic malignant syndrome. Lin TJ, et al. **Hum Exp Toxicol** 1999 Aug; 18(8):493-4

## BENZOTHIEPINS

### CHEMICAL SYNTHESIS

Synthesis of novel 2-benzothiopyran and 3-benzothiepin derivatives and their stimulatory effect on bone formation. Oda T, et al. **J Med Chem** 1999 Feb 25;42(4):751-60

### PHARMACOLOGY

TAK-778, a novel synthetic 3-benzothiepin derivative, promotes chondrogenesis in vitro and in vivo. Akiyama H, et al. **Biochem Biophys Res Commun** 1999 Jul 22; 261(1):131-8

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Synthesis and antiviral activity of 6-benzoyl-benzoxazolin-2-one and 6-benzoyl-benzothiazolin-2-one derivatives. Van derpoorten K, et al. **Antivir Chem Chemother** 1999 Mar; 10(2):87-97

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Synthesis and voltage-clamp studies of methyl 1,4-dihydro-2, 6-dimethyl-5-nitro-4-(benzofurazanyl)pyridine-3-carboxylate racemates and enantiomers and of their benzofuroxanyl analogues. Visentin S, et al. **J Med Chem** 1999 Apr 22;42(8):1422-7

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1H NMR studies of the bis-intercalation of a homodimeric oxazole yellow dye in DNA oligonucleotides. Johansen F, et al. **J Biomol Struct Dyn** 1998 Oct;16(2):205-22

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Novel antiinflammatory analgesics: 3-(2-/4-pyridylethyl)-benzoxazolinone and oxazolo[4,5-b]pyridin-2-one derivatives. Gökhan N, et al. **Arch Pharm (Weinheim)** 1999 Feb;332(2):43-9

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## BENZOXEPINS

### CHEMICAL SYNTHESIS

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### PHARMACOLOGY

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## BENZOYL PEROXIDE

### ADVERSE EFFECTS

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### CHEMISTRY

The formulation and stability of erythromycin-benzoyl peroxide in a topical gel. Vermeulen B, et al. **Int J Pharm** 1999 Feb 1;178(1):137-41

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### PHARMACOLOGY

Tumor promoter benzoyl peroxide induces sulfhydryl oxidation in protein kinase C: its reversibility is related to the cellular resistance to peroxide-induced cytotoxicity. Gopalakrishna R, et al. **Arch Biochem Biophys** 1999 Mar 15;363(2):246-58

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Chemical stability of adapalene and tretinoin when combined with benzoyl peroxide in presence and in absence of visible light and ultraviolet radiation. Martin B, et al. **Br J Dermatol** 1998 Oct;139 Suppl 52:8-11

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Antibacterial efficacy of benzoyl peroxide in phospholipid liposomes. A vehicle-controlled, comparative study in patients with papulopustular acne. Fluhr JW, et al. **Dermatology** 1999;198(3):273-7

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Benzoyl peroxide. **IARC Monogr Eval Carcinog Risks Hum** 1999;71 Pt 2:345-58 (46 ref.)

**BENZOYL SUPEROXIDE** see **BENZOYL PEROXIDE**

**BENZOYLHYDRATROPIC ACID** see **KETOPROFEN**

## BENZPHETAMINE

### ANALOGS & DERIVATIVES

Simultaneous analysis of benzphetamine and its metabolites, and quantitation of urinary p-hydroxy-N-benzylamphetamine by micellar electrokinetic chromatography. Fujinami A, et al. **Biol Pharm Bull** 1998 Nov;21(11):1207-10

### METABOLISM

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Simultaneous analysis of benzphetamine and its metabolites, and quantitation of urinary p-hydroxy-N-benzylamphetamine by micellar electrokinetic chromatography. Fujinami A, et al. **Biol Pharm Bull** 1998 Nov;21(11):1207-10

## BENZTROPINE

### ANALOGS & DERIVATIVES

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### PHARMACOLOGY

Interaction of benztropine and haloperidol actions on rat substantia nigra dopamine cell electrophysiological activity in vivo. Todd CL, et al. **Brain Res Bull** 1999 Jan 15; 48(2):219-22

### THERAPEUTIC USE

Reversibility of parkinsonism-induced acute upper airway obstruction by benztropine therapy. Lydon AM, et al. **Anesth Analg** 1998 Oct;87(4):975-6

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### METABOLISM

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## BENZYDAMINE

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### PHARMACOLOGY

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### POISONING

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## BENZYL ALCOHOL

Benzyl alcohol as an alternative local anesthetic. Wilson L, et al. **Ann Emerg Med** 1999 May;33(5):495-9

### ADMINISTRATION & DOSAGE

Comparison of three modified lidocaine solutions for use in eyelid anesthesia. Yuen VH, et al. **Ophthal Plast Reconstr Surg** 1999 Mar;15(2):143-7

### ADVERSE EFFECTS

Randomized trial of diphenhydramine versus benzyl alcohol with epinephrine as an alternative to lidocaine local anesthesia. Bartfield JM, et al. **Ann Emerg Med** 1998 Dec; 32(6):650-4

### ANALOGS & DERIVATIVES see BENZYL ALCOHOLS

### DIAGNOSTIC USE

Microbubble intravenous contrast during transesophageal echocardiography: agitated 0.9% saline versus agitated 0.9% saline with benzyl alcohol [letter] Garduno C, et al. **J Cardiothorac Vasc Anesth** 1999 Aug;13(4):513

### METABOLISM

In situ detection of gene transfer in a model biofilm engaged in degradation of benzyl alcohol. Christensen BB, et al. **APMIS Suppl** 1998;84:25-8

### PHARMACOLOGY

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**BENZYL CARBINOL** see **PHENYLETHYL ALCOHOL**

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Enatioseparation and anti-rhinovirus activity of 3-benzylchroman-4-ones. Quaglia MG, et al. **Chirality** 1999;11(5-6):495-500

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## BENZYLAMINE OXIDASE

### ANTAGONISTS & INHIBITORS

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### CHEMISTRY

The mechanism of inhibition of benzylamine oxidase by 3,5-diethoxy-4-aminomethylpyridine (B24). Buffoni F, et al. **J Enzyme Inhib** 1998 Jul;13(4):253-66

## BENZYLAMINES

### ANTAGONISTS & INHIBITORS

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**BENZYLIDENEACETOPHENONE** see **CHALCONE**

**BENZYLOXYRESORUFIN O-DEALKYLASE** see **CYTOCHROME P-450 CYP2B1**

**BENZYLPENICILLIN** see **PENICILLIN G**

## BEPRIDIL

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**BER-H2 ANTIGENS** see **ANTIGENS, CD30**

**BERARDIUS** see **WHALES**

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Detection of DNA in agarose gels using berberine and Mordant Yellow 3R. Jung DW, et al. **Anal Biochem** 1999 Aug 1;272(2):254–6

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## BEREAVEMENT

see related
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**BERRIES** see **FRUIT**

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**BESNOITIA** see **EIMERIINA**

**BESNOITIASIS** see **COCCIDIOSIS**

**BEST PRACTICE ANALYSIS** see **BENCHMARKING**

## BETA-N-ACETYLGLUCOSAMINYLGLYCOPEPTIDE BETA-1,4-GALACTOSYLTRANSFERASE

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**BETA-ADRENERGIC BLOCKING AGENTS** see **ADRENERGIC BETA-ANTAGONISTS**

**BETA-ADRENERGIC RECEPTOR AGONISTS** see **ADRENERGIC BETA-AGONISTS**

**BETA-ADRENERGIC RECEPTOR BLOCKADERS** see **ADRENERGIC BETA-ANTAGONISTS**

**BETA-ADRENERGIC RECEPTORS** see **RECEPTORS, ADRENERGIC, BETA**

**BETA-1 ADRENERGIC RECEPTORS** see **RECEPTORS, ADRENERGIC, BETA-1**

**BETA-2 ADRENERGIC RECEPTORS** see **RECEPTORS, ADRENERGIC, BETA-2**

## BETA-ALANINE

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## BETA-ENDORPHIN

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**BETA-1 GLYCOPROTEIN, TROPHOBLAST-SPECIFIC** see **PREGNANCY-SPECIFIC BETA 1-GLYCOPROTEIN**

**BETA-HCG** see **CHORIONIC GONADOTROPIN, BETA SUBUNIT, HUMAN**

**BETA-HEPARIN** see **DERMATAN SULFATE**

**BETA-HEXOSAMINIDASE** see **BETA-N-ACETYLHEXOSAMINIDASE**

**3 BETA-HYDROXY-DELTA-5-STEROID DEHYDROGENASE** see **PROGESTERONE REDUCTASE**

**BETA-HYDROXYACYL DEHYDRATASES** see **ENOYL-COA HYDRATASE**

**BETA-HYDROXYACYL DEHYDROGENASES** see

## BETA-HYDROXYACYL DEHYDROGENASES

**3-HYDROXYACYL COA DEHYDROGENASES**

**BETA-HYDROXYBUTYRATE** see **3-HYDROXYBUTYRIC ACID**

**3-BETA-HYDROXYSTEROID DEHYDROGENASE** see **3-HYDROXYSTEROID DEHYDROGENASES**

**20-BETA-HYDROXYSTEROID DEHYDROGENASE** see **CORTISONE REDUCTASE**

**17 BETA-HYDROXYSTEROID DEHYDROGENASES** see **17-HYDROXYSTEROID DEHYDROGENASES**

**BETA-HYPOPHAMINE** see **VASOPRESSINS**

**BETA-1 INTEGRIN SUBUNIT** see **ANTIGENS, CD29**

**BETA 2 INTEGRIN SUBUNIT** see **ANTIGENS, CD18**

**BETA-INTERFERON** see **INTERFERON-BETA**

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**BETA-LACTAMS** see **LACTAMS**

**BETA-LACTAMS, MONOCYCLIC** see **MONOBACTAMS**

**BETA-LIPOPROTEINS** see **LIPOPROTEINS, LDL**

**BETA-LIPOTROPIN** see **LIPOTROPIN**

**BETA-LIPOTROPIN C FRAGMENT** see **BETA-ENDORPHIN**

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**BK VIRUS** see **POLYOMAVIRUS HOMINIS 1**

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**BLOOD PLASMA** see **PLASMA**

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**BLOOD PLATELET TRANSFUSION** see **PLATELET TRANSFUSION**

**BLOOD PLATELETPHERESIS** see **PLATELETPHERESIS**

## BLOOD PLATELETS

consider also terms at PLATELET and THROMBOCYT-

see related

**PLATELET ACTIVATION**
**PLATELET ADHESIVENESS**
**PLATELET AGGREGATION**
**PLATELET AGGREGATION INHIBITORS**
**PLATELET COUNT**
**PLATELET FUNCTION TESTS**
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**BLOOD PRESSURE, HIGH** see **HYPERTENSION**

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consider also terms at ANGI-, VASA-, VASC-, and VASO-

see related
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**BLV** see **LEUKEMIA VIRUS, BOVINE**

**BLV ANTIBODIES** see **HTLV-BLV ANTIBODIES**

**BLV ANTIGENS** see **HTLV-BLV ANTIGENS**

**BLV-HTLV VIRUSES** see **HTLV-BLV VIRUSES**

**BLV INFECTIONS** see **HTLV-BLV INFECTIONS**

**BOA** see **BOIDAE**

**BOARD, GOVERNING** see **GOVERNING BOARD**

**BOATS** see **SHIPS**

**BOBCATS** see **CARNIVORA**

**BOBWHITE** see **COLINUS**

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**BODY BUFFER ZONE** see **PERSONAL SPACE**

**BODY BUILD** see **SOMATOTYPES**

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## BONE AND BONES

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**BORNHOLM DISEASE** see **PLEURODYNIA, EPIDEMIC**

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**BOUTOS** see **DOLPHINS**

**BOVICOLA** see **MALLOPHAGA**

**BOVINE CORONAVIRUS** see **CORONAVIRUS, BOVINE**

**BOVINE DIARRHEA VIRUS** see **DIARRHEA VIRUS, BOVINE VIRAL**

**BOVINE EPHEMERAL FEVER VIRUS** see **EPHEMERAL FEVER VIRUS, BOVINE**

**BOVINE HERPESVIRUS 1** see **HERPESVIRUS 1, BOVINE**

**BOVINE IMMUNODEFICIENCY-LIKE VIRUS** see **IMMUNODEFICIENCY VIRUS, BOVINE**

**BOVINE KUNITZ PANCREATIC TRYPSIN INHIBITOR** see **APROTININ**

**BOVINE LENTIVIRUSES** see **LENTIVIRUSES, BOVINE**

**BOVINE LEUKEMIA** see **ENZOOTIC BOVINE LEUKOSIS**

**BOVINE LEUKEMIA VIRUS** see **LEUKEMIA VIRUS, BOVINE**

**BOVINE LEUKOSIS** see **ENZOOTIC BOVINE LEUKOSIS**

**BOVINE LYMPHOMA** see **ENZOOTIC BOVINE LEUKOSIS**

**BOVINE LYMPHOSARCOMA** see **ENZOOTIC BOVINE LEUKOSIS**

**BOVINE PAPILLOMATOSIS VIRUS** see **PAPILLOMAVIRUS, BOVINE**

**BOVINE PAPULAR DERMATITIS VIRUS** see **PAPILLOMAVIRUS, BOVINE**

**BOVINE PARAINFLUENZA VIRUS 3** see **PARAMYXOVIRUS**

**BOVINE PESTIVIRUS** see **DIARRHEA VIRUS, BOVINE VIRAL**

**BOVINE RESPIRATORY SYNCYTIAL VIRUS** see **RESPIRATORY SYNCYTIAL VIRUS, BOVINE**

**BOVINE SPONGIFORM ENCEPHALOPATHY** see **ENCEPHALOPATHY, BOVINE SPONGIFORM**

**BOVINE SYNCYTIAL VIRUS** see **SPUMAVIRUS**

## BOVINE VIRUS DIARRHEA-MUCOSAL DISEASE

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**BOWHEAD WHALE** see **WHALES**

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**BRANCHED–CHAIN KETOACIDURIA** see **MAPLE SYRUP URINE DISEASE**

**BRANCHER DEFICIENCY** see **GLYCOGEN STORAGE DISEASE TYPE IV**

**BRANCHIAL ARCHES** see **BRANCHIAL REGION**

**BRANCHIAL CLEFT CYST** see **BRANCHIOMA**

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## BRCA1 PROTEIN

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# BREAST

consider also terms at MAMMA- and MAST-

see related
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**BRILL-SYMMERS DISEASE** see **LYMPHOMA, FOLLICULAR**

**BRILL-ZINSSER DISEASE** see **TYPHUS, EPIDEMIC LOUSE-BORNE**

**BRILL'S DISEASE** see **TYPHUS, EPIDEMIC LOUSE-BORNE**

**BRINE SHRIMP** see **ARTEMIA**

**BRIQUET SYNDROME** see **SOMATOFORM DISORDERS**

**BRISTLE-COATED PITS** see **COATED PITS, CELL-MEMBRANE**

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## 8-BROMO CYCLIC ADENOSINE MONOPHOSPHATE

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**BRONCHIAL ASTHMA** see **ASTHMA**

**BRONCHIAL-CONSTRICTING AGENTS** see **BRONCHOCONSTRICTOR AGENTS**

**BRONCHIAL CONSTRICTION** see **BRONCHOCONSTRICTION**

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**BRONCHIOLITIS, PROLIFERATIVE** see **BRONCHIOLITIS OBLITERANS**

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**BRONCHOPULMONARY ASPERGILLOSIS** see

# BRONCHOPULMONARY ASPERGILLOSIS

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# BRONCHOPULMONARY DYSPLASIA

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# BRONCHOPULMONARY SEQUESTRATION

### CHEMICALLY INDUCED

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**BRONCHOSPASM** see **BRONCHIAL SPASM**

**BRONCHOSPASM, EXERCISE-INDUCED** see **ASTHMA, EXERCISE-INDUCED**

## BRONCHOSPIROMETRY

### INSTRUMENTATION

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## BROWN FAT

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## BROWN-SEQUARD SYNDROME

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**BROWNING REACTION** see **MAILLARD REACTION**

**BROXURIDINE** see **BROMODEOXYURIDINE**

## BRUCELLA

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## BRUCELLOSIS, BOVINE

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### PHYSIOPATHOLOGY

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**BRUCITE** see **MAGNESIUM HYDROXIDE**

**BRUEGHEL SYNDROME** see **MEIGE SYNDROME**

## BRUGIA

### DRUG EFFECTS

Effects of tetracycline on the filarial worms Brugia pahangi and Dirofilaria immitis and their bacterial endosymbionts Wolbachia. Bandi C, et al. **Int J Parasitol** 1999 Feb; 29(2):357–64

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A review of the present status of lymphatic filariasis in Vietnam. Meyrowitsch DW, et al. **Acta Trop** 1998 Jul 30; 70(3):335–47

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Current status of filariasis in Chavakad taluk, Trichur district, Kerala. Rajendran G, et al. **J Commun Dis** 1997 Dec; 29(4):333–43

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A novel serpin expressed by blood-borne microfilariae of the parasitic nematode Brugia malayi inhibits human neutrophil serine proteinases. Zang X, et al. **Blood** 1999 Aug 15;94(4):1418–28

### MICROBIOLOGY

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## BRUGIA PAHANGI

### DRUG EFFECTS

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Rapid purification and characterization of L-dopachrome-methyl ester tautomerase (macrophage-migration-inhibitory factor) from Trichinella spiralis, Trichuris muris and Brugia pahangi. Pennock JL, et al. **Biochem J** 1998 Nov 1;335 ( Pt 3):495–8

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**BRUISE** see **CONTUSIONS**

**BRUNEOMYCIN** see **STREPTONIGRIN**

**BRUNHILDE VIRUS** see **POLIOVIRUSES, HUMAN 1–3**

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**BRUSH BORDER** see **MICROVILLI**

**BRUSSEL SPROUT** see **BRASSICA**

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### COMPLICATIONS

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### PATHOLOGY

The craniofacial morphology of bruxers versus nonbruxers. Young DV, et al. **Angle Orthod** 1999 Feb;69(1):14–8

### PHYSIOPATHOLOGY

Bruxing patterns in children compared to intercuspal clenching and chewing as assessed with dental models, electromyography, and incisor jaw tracing: preliminary study. Negoro T, et al. **ASDC J Dent Child** 1998 Nov–Dec; 65(6):449–58, 438

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### URINE

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**BRYDE'S WHALE** see **WHALES**

## BRYOZOA

### CLASSIFICATION

Identification of sibling species of the bryozoan Bugula neritina that produce different anticancer bryostatins and harbor distinct strains of the bacterial symbiont "Candidatus Endobugula sertula". Davidson SK, et al. **Biol Bull** 1999 Jun;196(3):273–80

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## BRYOZOA

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**BUBALUS** see **BUFFALOES**

**BUBONIC PLAGUE** see **PLAGUE**

**BUCCA** see **CHEEK**

**BUCCAL MUCOSA** see **MOUTH MUCOSA**

**BUCHU RESIN** see **DIOSMIN**

**BUCKTHORN** see **RHAMNUS**

## BUCKWHEAT

### CLASSIFICATION

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## BUCLADESINE

### METABOLISM

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Up-regulation of LPS-induced iNOS activity in dibutyryl cyclic AMP-differentiated rat astrocytes. Song W, et al. **Chung Kuo Yao Li Hsueh Pao** 1998 Sep;19(5):462-6

W-5 and quin 2-AM reverse the inhibitory effect of insulin on lipolysis due to dibutyryl cAMP. Goko H, et al. **Diabetes Res Clin Pract** 1999 May;44(2):101-6

Synergistic enhancement by 12-O-tetradecanoylphorbol-13-acetate and dibutyryl cAMP of 1alpha,25-dihydroxyvitamin D3 action in human promyelocytic leukemic HL-60 cells. Hiura Y, et al. **Endocr J** 1999 Apr;46(2):317-24

Inhibition of tumor necrosis factor-alpha induced neutrophil apoptosis by cyclic AMP: involvement of caspase cascade. Niwa M, et al. **Eur J Pharmacol** 1999 Apr 23;371(1):59-67

Mechanism of adrenomedullin-stimulated hyaluronic acid release in rat mesangial cells. Parameswaran N, et al. **Eur J Pharmacol** 1999 Apr 16;370(3):313-8

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Inhibition of Ca2+-independent phospholipase A2 by bromoenol lactone attenuates prostaglandin generation induced by interleukin-1 beta and dibutyryl cAMP in rat mesangial cells. Akiba S, et al. **FEBS Lett** 1998 Oct 23; 437(3):225-8

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### THERAPEUTIC USE

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## BUCRYLATE

### ADMINISTRATION & DOSAGE

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### THERAPEUTIC USE

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**BUDD-CHIARI SYNDROME** see **HEPATIC VEIN THROMBOSIS**

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**BUNION** see **HALLUX VALGUS**

**BUNOLOL** see **LEVOBUNOLOL**

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**BURKITT LYMPHOMA VIRUS** see **HERPESVIRUS 4, HUMAN**

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**BURSA-DEPENDENT LYMPHOCYTES** see **B-LYMPHOCYTES**

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**BURST-FORMING UNITS, ERYTHROID** see **ERYTHROID PROGENITOR CELLS**

**BURST-PROMOTING FACTOR, ERYTHROCYTE** see **INTERLEUKIN-3**

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**BUSH BABIES** see **GALAGO**

**BUSHMASTER** see **VIPERIDAE**

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## BUSPIRONE

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**BUSULPHAN** see **BUSULFAN**

## BUTADIENES

### ADMINISTRATION & DOSAGE

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### ADVERSE EFFECTS

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Butadiene diolepoxide- and diepoxybutane-derived DNA adducts at N7-guanine: a high occurrence of diolepoxide-derived adducts in mouse lung after 1,3-butadiene exposure. Koivisto P, et al. **Carcinogenesis** 1999 Jul;20(7):1253–9

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#### URINE

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**BUTANEDIOLS see BUTYLENE GLYCOLS**

**2,3-BUTANEDIONE see DIACETYL**

## BUTANES

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**BUTANOIC ACIDS see BUTYRIC ACIDS**

**N-BUTANOL see 1-BUTANOL**

## 1-BUTANOL

n-butanol purification of dye terminator sequencing reactions. Tillett D, et al. **Biotechniques** 1999 Apr; 26(4):606–8, 610

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Time course of sensory eye irritation in humans exposed to N-butanol and 1-octene. Hempel-Jørgensen A, et al. **Arch Environ Health** 1999 Mar–Apr;54(2):86–94

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Regulation of the sol locus genes for butanol and acetone formation in Clostridium acetobutylicum ATCC 824 by a putative transcriptional repressor. Nair RV, et al. **J Bacteriol** 1999 Jan;181(1):319–30

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Alcohol-induced biphasic inhibition of myosin subfragment 1 K-EDTA-ATPase. Komatsu H, et al. **Biochim Biophys Acta** 1999 Feb 10;1430(1):14–24

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## BUTANOLS

#### ADMINISTRATION & DOSAGE

Lifibrol enhances the low density lipoprotein apolipoprotein B-100 turnover in patients with hypercholesterolemia and mixed hyperlipidemia. Winkler K, et al. **Atherosclerosis** 1999 May;144(1):167–75

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[A modification to the method for the gas-chromatographic determination of butyl alcohol, acrylic acid and the butyl ester of acrylic acid in the atmosphere and in the air of a work area] Zaitseva NV, et al. **Gig Sanit** 1999 Mar–Apr; (2):74–5 **(Rus)**

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New lead compounds for brassinosteroid biosynthesis inhibitors. Min YK, et al. **Bioorg Med Chem Lett** 1999 Feb 8;9(3):425–30

Effect of lifibrol on the metabolism of low density lipoproteins and cholesterol. Vega GL, et al. **J Intern Med** 1999 Jul;246(1):1–9

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#### ADMINISTRATION & DOSAGE

Disposition of methyl ethyl ketoxime in the rat after oral, intravenous and dermal administration. Burka LT, et al. **Xenobiotica** 1998 Oct;28(10):1005–15

#### ADVERSE EFFECTS

Nabumetone induces less gastrointestinal mucosal changes than diclofenac retard. Becvár R, et al. **Clin Rheumatol** 1999;18(4):273–8

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Pseudoporphyria associated with Relafen therapy. Magro CM, et al. **J Cutan Pathol** 1999 Jan;26(1):42–7

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Characterization of the transient intermediates generated from the photoexcitation of nabumetone: a comparison with naproxen. Martinez LJ, et al. **Photochem Photobiol** 1998 Nov;68(5):646–51

On the electronic nature of low-barrier hydrogen bonds in enzymatic reactions. Schiøtt B, et al. **Proc Natl Acad Sci U S A** 1998 Oct 27;95(22):12799–802

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Economic and gastrointestinal safety comparisons of etodolac, nabumetone, and oxaprozin from insurance claims data from patients with arthritis. Simon LS, et al. **Clin Ther** 1998 Nov–Dec;20(6):1218–35; discussion 1192–3

#### METABOLISM

Slow oxidation of acetoxime and methylethyl ketoxime to the corresponding nitronates and hydroxy nitronates by liver microsomes from rats, mice, and humans. Völkel W, et al. **Toxicol Sci** 1999 Feb;47(2):144–50

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#### PHARMACOLOGY

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Effects of nabumetone compared with naproxen on platelet aggregation in patients with rheumatoid arthritis. Knijff-Dutmer EA, et al. **Ann Rheum Dis** 1999 Apr; 58(4):257–9

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**2-BUTENOIC ACIDS see CROTONIC ACIDS**

## BUTHIONINE SULFOXIMINE

#### ADMINISTRATION & DOSAGE

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**BUTTERMILK** see **MILK**

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**T-BUTYL HYDROPEROXIDE** see **TERT-BUTYLHYDROPEROXIDE**

**BUTYL METHYL KETONES** see **HEXANONES**

**BUTYL PHTHALATE** see **DIBUTYL PHTHALATE**

## BUTYLAMINES

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## BUTYLATED HYDROXYANISOLE

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#### METABOLISM

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Effect of butylated hydroxyanisole on the toxicity of 2-hydroxy-1,4-naphthoquinone to rats. Munday R, et al. **Chem Biol Interact** 1999 Feb 12;117(3):241–56

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Enhancement of the efficiency of photodynamic therapy of tumours by t-butyl-4-hydroxyanisole. Shevchuk I, et al. **J Photochem Photobiol B** 1998 Sep;45(2–3):136–43

## BUTYLATED HYDROXYTOLUENE

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Mobility of alpha-tocopherol and BHT in LDPE in contact with fatty food simulants. Wessling C, et al. **Food Addit Contam** 1998 Aug-Sep;15(6):709–15

#### METABOLISM

Inhibition of expression of P-selectin by antioxidant in cholesterol-fed rats. Lee CS, et al. **J Korean Med Sci** 1999 Feb;14(1):8–14

#### PHARMACOLOGY

Antioxidants reversibly inhibit the spontaneous resumption of meiosis. Takami M, et al. **Am J Physiol** 1999 Apr;276(4 Pt 1):E684–8

Transcriptional activity of quinone methides derived from the tumor promoter butylated hydroxytoluene in HepG2 cells. Desjardins JP, et al. **Cancer Lett** 1998 Sep 25; 131(2):201–7

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**BUTYLCYANOACRYLATE** see **ENBUCRILATE**

## BUTYLENE GLYCOLS

#### ADMINISTRATION & DOSAGE

Dietary supplementation with secoisolariciresinol diglycoside (SDG) reduces experimental metastasis of melanoma cells in mice. Li D, et al. **Cancer Lett** 1999 Jul 19;142(1):91–6

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Crosslinking and modification of dermal sheep collagen using 1, 4-butanediol diglycidyl ether. Zeeman R, et al. **J Biomed Mater Res** 1999 Sep 5;46(3):424–33

Radiofrequency and microwave dielectric properties of aqueous cryoprotectant agents: dimethyl sulphoxide and 2,3-butanediol. Evans S, et al. **Phys Med Biol** 1998 Oct; 43(10):2817–29

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A new carboxylesterase from Brevibacterium linens IFO 12171 responsible for the conversion of 1,4-butanediol diacrylate to 4-hydroxybutyl acrylate: purification, characterization, gene cloning, and gene expression in Escherichia coli. Sakai Y, et al. **Biosci Biotechnol Biochem** 1999 Apr;63(4):688–97

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#### THERAPEUTIC USE

Reduction of serum cholesterol and hypercholesterolemic atherosclerosis in rabbits by secoisolariciresinol diglucoside isolated from flaxseed. Prasad K. **Circulation** 1999 Mar 16; 99(10):1355–62

#### TOXICITY

Alcohol-related diols cause acute insulin resistance in vivo. Xu D, et al. **Metabolism** 1998 Oct;47(10):1180–6

**BUTYLHYDROXYANISOLE** see **BUTYLATED HYDROXYANISOLE**

## BUTYLHYDROXYBUTYLNITROSAMINE

The dynamics of the imprinted H19 gene expression in the mouse model of bladder carcinoma induced by N-butyl-N-(4-hydroxybutyl)nitrosamine. Elkin M, et al. **Carcinogenesis** 1998 Dec;19(12):2095–9

Inhibition of urinary bladder tumors induced by N-butyl-N-(4-hydroxybutyl)-nitrosamine in rats by green tea. Sato D. **Int J Urol** 1999 Feb;6(2):93–9

#### TOXICITY

Metallothionein modulates the carcinogenicity of N-butyl-N-(4-hydroxybutyl)nitrosamine in mice. Kondo Y, et al. **Carcinogenesis** 1999 Aug;20(8):1625–7

LOH and mutational analysis of p53 alleles in mouse urinary bladder carcinomas induced by N-butyl-N-(4-hydroxybutyl) nitrosamine. Morimura K, et al. **Carcinogenesis** 1999 Apr;20(4):715–8

Promotion by sodium L-ascorbate in rat two-stage urinary bladder carcinogenesis is dependent on the interval of administration. Chen TX, et al. **Jpn J Cancer Res** 1999 Jan;90(1):16–22

Hepatocarcinogenic activity of N-butyl-N-(4-hydroxybutyl)nitrosamine in rats is not modified by sodium L-ascorbate. Hagiwara A, et al. **Teratog Carcinog Mutagen** 1999;19(1):33–42

Effects of uracil calculi on cell growth and apoptosis in the BBN-initiated Wistar rat urinary bladder mucosa. Vieira de Oliveira S, et al. **Teratog Carcinog Mutagen** 1999; 19(4):293–303

[A model of rat's urinary bladder tumor induced by subcutaneous injection of N-butyl-N-(4-hydroxybutyl)-nitrosamine] Pliss GB, et al. **Vopr Onkol** 1998;44(4):432–5 (Eng. Abstr.) **(Rus)**

**BUTYLHYDROXYTOLUENE** see **BUTYLATED HYDROXYTOLUENE**

## BUTYLSCOPOLAMMONIUM BROMIDE

#### ADMINISTRATION & DOSAGE

Urodynamic features of the gastric pouch after radical cystectomy and the relationship to oral intake. Acar O, et al. **J Urol** 1999 Jun;161(6):1888–92

#### PHARMACOLOGY

Effect of hyoscine butylbromide and atropine on heart rate during nocturnal sleep. Gitanjali B, et al. **Indian J Exp Biol** 1998 Dec;36(12):1216–20

Comparative effects of hyoscine butylbromide and atropine sulphate on sleep architecture in healthy human volunteers. Rauniar GP, et al. **Indian J Physiol Pharmacol** 1998 Jul; 42(3):395–400

## BUTYLSCOPOLAMMONIUM BROMIDE

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Intravenous buscopan for analgesia following laparoscopic sterilisation. Wilson CM, et al. **Anaesthesia** 1999 Apr; 54(4):389–92

The analgesic effect of intravenous tenoxicam in symptomatic treatment of biliary colic: a comparison with hyoscine N–butylbromide. Al–Waili N, et al. **Eur J Med Res** 1998 Oct 14;3(10):475–9

Scopolamine butylbromide plus octreotide in unresponsive bowel obstruction [letter] Mercadante S. **J Pain Symptom Manage** 1998 Nov;16(5):278–80

Pancreas: does hyoscyamine butylbromide increase the diagnostic value of helical CT? Aschoff AJ, et al. **Radiology** 1999 Mar;210(3):861–4

**BUTYRATE** see **BUTYRATES**

**N–BUTYRATE** see **BUTYRATES**

## BUTYRATES

### ADMINISTRATION & DOSAGE

Interaction between dexamethasone and butyrate in apoptosis induction: non–additive in thymocytes and synergistic in a T cell–derived leukemia cell line. Bernhard D, et al. **Cell Death Differ** 1999 Jul;6(7):609–17

Effect of topical butyrate on rectal epithelial kinetics and mucosal enzyme activities. Gibson PR, et al. **Clin Sci (Colch)** 1998 Jun;94(6):671–6

Interleukin–2/sodium butyrate treatment cures rats bearing liver tumors after acquired 5–fluorouracil resistance. Cordel S, et al. **Int J Cancer** 1998 Dec 9;78(6):735–9

### CHEMICAL SYNTHESIS

Design, synthesis and evaluation of transition–state analogue inhibitors of Escherichia coli gamma–glutamylcysteine synthetase. Tokutake N, et al. **Bioorg Med Chem** 1998 Oct; 6(10):1935–53

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**BUTYRIBACTERIUM** see **EUBACTERIUM**

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**BUTYROPHENONE ANTIPSYCHOTIC AGENTS** see **ANTIPSYCHOTIC AGENTS, BUTYROPHENONE**

**BUTYROPHENONE TRANQUILIZERS** see **ANTIPSYCHOTIC AGENTS, BUTYROPHENONE**

## BUTYROPHENONES

see related
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**BYPASS, CORONARY ARTERY** see **CORONARY ARTERY BYPASS**

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**C1 INACTIVATORS** see **COMPLEMENT 1 INACTIVATORS**

**C3 ACTIVATOR** see **COMPLEMENT 3 CONVERTASE**

**C3 CONVERTASE** see **COMPLEMENT 3 CONVERTASE**

**C3 NEPHRITIC FACTOR** see **COMPLEMENT 3 NEPHRITIC FACTOR**

**C3 PROACTIVATOR** see **COMPLEMENT FACTOR B**

**C3B INACTIVATORS** see **COMPLEMENT 3B INACTIVATORS**

**C3B RECEPTORS** see **RECEPTORS, COMPLEMENT 3B**

**C3D RECEPTORS** see **RECEPTORS, COMPLEMENT 3D**

**C3PA** see **COMPLEMENT FACTOR B**

**C3PA CONVERTASE** see **COMPLEMENT FACTOR D**

**C3PASE** see **COMPLEMENT FACTOR D**

**C4 COMPONENT COMPLEMENT PROTEINS** see **COMPLEMENT 4**

**C5 CLEAVING ENZYME** see **COMPLEMENT 3 CONVERTASE**

**C-283** see **NITRACRINE**

**C-ABL GENES** see **GENES, ABL**

**C-ABL PROTEINS** see **PROTO-ONCOGENE PROTEINS C-ABL**

**C-ANCA** see **ANTIBODIES, ANTINEUTROPHIL CYTOPLASMIC**

**C-BCL-1 GENES** see **GENES, BCL-1**

**C-BCL-2 GENES** see **GENES, BCL-2**

**C-BCL-1 PROTEINS** see **CYCLIN D1**

**C-BCL-2 PROTEINS** see **PROTO-ONCOGENE PROTEINS C-BCL-2**

**C CHEMOKINES** see **CHEMOKINES, C**

**C-ERBA ALPHA** see **RECEPTORS, THYROID HORMONE**

**C-ERBA BETA** see **RECEPTORS, THYROID HORMONE**

**C-ERBA PROTEINS** see **RECEPTORS, THYROID HORMONE**

**C-ERBB-1 GENES** see **GENES, ERBB-1**

**C-ERBB-2 GENES** see **GENES, ERBB-2**

**C-ERBB-1 PROTEINS** see **RECEPTORS, EPIDERMAL GROWTH FACTOR-UROGASTRONE**

**C-ERBB-2 PROTEINS** see **PROTO-ONCOGENE PROTEINS C-ERBB-2**

**C FIBERS** see **NERVE FIBERS**

**C-FMS GENES** see **GENES, FMS**

**C-FMS PROTEIN** see **RECEPTORS, MACROPHAGE COLONY-STIMULATING FACTOR**

**C-FOS-ASSOCIATED PROTEIN P39** see **PROTO-ONCOGENE PROTEINS C-JUN**

**C-FOS GENES** see **GENES, FOS**

**C-FOS PROTEINS** see **PROTO-ONCOGENE PROTEINS C-FOS**

**C-HA-RAS GENES** see **GENES, RAS**

**C-HA-RAS P21** see **PROTO-ONCOGENE PROTEIN P21(RAS)**

**C-JUN GENES** see **GENES, JUN**

**C-JUN PROTEINS** see **PROTO-ONCOGENE PROTEINS C-JUN**

**C-KI-RAS GENES** see **GENES, RAS**

**C-KI-RAS P21** see **PROTO-ONCOGENE PROTEIN P21(RAS)**

**C-KIT LIGAND** see **STEM CELL FACTOR**

**C-KIT PROTEINS** see **PROTO-ONCOGENE PROTEINS C-KIT**

**C-KIT RECEPTORS** see **PROTO-ONCOGENE PROTEINS C-KIT**

**C-MOS PROTEINS** see **PROTO-ONCOGENE PROTEINS C-MOS**

**C-MPL LIGAND** see **THROMBOPOIETIN**

**C-MYC GENES** see **GENES, MYC**

**C-MYC PROTEINS** see **PROTO-ONCOGENE PROTEINS C-MYC**

**C-N-RAS GENES** see **GENES, RAS**

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**C-RAF PROTEINS** see **PROTO-ONCOGENE PROTEINS C-RAF**

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**CALCIUM ANTAGONISTS, EXOGENOUS** see **CALCIUM CHANNEL BLOCKERS**

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**CALCIUM LEUCOVORIN** see **LEUCOVORIN**

**CALCIUM MAGNESIUM ADENOSINETRIPHOSPHATASE** see **CA(2+) MG(2+)-ATPASE**

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**CALCIUM DIPHOSPHATE** see **CALCIUM PYROPHOSPHATE**

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see related
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see related
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**CALPACTIN I** see **ANNEXIN II**

**CALPACTIN II** see **ANNEXIN I**

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**CANINE DISTEMPER** see **DISTEMPER**

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**CANINE GUIDANCE** see **DENTAL OCCLUSION**

**CANINE HERPESVIRUS 1** see **HERPESVIRUS 1, CANID**

**CANINE HIP DYSPLASIA** see **HIP DYSPLASIA, CANINE**

**CANINE PARVOVIRUS** see **PARVOVIRUS, CANINE**

**CANINE TOOTH** see **CUSPID**

**CANINE TRACHEOBRONCHITIS VIRUS** see **HERPESVIRUS 1, CANID**

**CANIS** see **CARNIVORA**

**CANIS FAMILIARIS** see **DOGS**

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**CAPSID PROTEINS** see **CAPSID**

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## CARBAMOYL-PHOSPHATE SYNTHASE (AMMONIA)

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**CARBAMOYLASPARTIC DEHYDRASE** see **DIHYDROOROTASE**

## CARBAMYL PHOSPHATE

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**CARBAMYL PHOSPHATE SYNTHASE (GLUTAMINE)** see **CARBAMOYL-PHOSPHATE SYNTHASE (GLUTAMINE-HYDROLYZING)**

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## CARBON-NITROGEN LIGASES WITH GLUTAMINE AS AMIDE-N-DONOR

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Photoaffinity labeling with the activator IMP and site-directed mutagenesis of histidine 995 of carbamoyl phosphate synthetase from Escherichia coli demonstrate that the binding site for IMP overlaps with that for the inhibitor UMP. Bueso J, et al. **Biochemistry** 1999 Mar 30; 38(13):3910–7

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## CARBON TETRACHLORIDE POISONING

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**CARBONIC ANHYDRASE ISOENZYMES** see **CARBONATE DEHYDRATASE**

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## CARBONYL CYANIDE M-CHLOROPHENYL HYDRAZONE

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## CARBOPLATIN

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**CARBOXYBENZYL PENICILLIN** see **CARBENICILLIN**

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## CARCINOMA 256, WALKER

### BLOOD SUPPLY

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### DRUG THERAPY

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### ENZYMOLOGY

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## CARCINOMA, ACINAR CELL

### BLOOD SUPPLY

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### COMPLICATIONS

Panniculitis caused by acinous pancreatic carcinoma. Heykarts B, et al. **Dermatology** 1999;198(2):182-3

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### DRUG THERAPY

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## CARCINOMA, ADENOID CYSTIC

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### PATHOLOGY

Primary cutaneous adenoid cystic carcinoma with lymph node metastasis [see comments] Kato N, et al. **Am J Dermatopathol** 1998 Dec;20(6):571–7 (43 ref.). Comment in: Am J Dermatopathol 1999 Aug;21(4):400.

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## CARCINOMA, ADENOSQUAMOUS

### CHEMISTRY

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## CARCINOMA, SIGNET RING CELL

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### METABOLISM

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consider also terms at CHONDRO-

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see related
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**CAT ENZYME** see **CHLORAMPHENICOL O-ACETYLTRANSFERASE**

**CAT LEUKEMIA VIRUS** see **LEUKEMIA VIRUS, FELINE**

**CAT PLAGUE** see **FELINE PANLEUKOPENIA**

**CAT SCAN, RADIONUCLIDE** see **TOMOGRAPHY, EMISSION-COMPUTED**

**CAT SCAN, X-RAY** see **TOMOGRAPHY, X-RAY COMPUTED**

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**CATABOLIC GENE ACTIVATORS** see **CYCLIC AMP**

## CATABOLIC GENE ACTIVATORS

**RECEPTOR PROTEIN**

**CATABOLITE ACTIVATOR PROTEIN** see **CYCLIC AMP RECEPTOR PROTEIN**

**CATABOLITE GENE ACTIVATOR PROTEIN** see **CYCLIC AMP RECEPTOR PROTEIN**

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# CATHETERIZATION, URETHRAL

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**CAVOPULMONARY ANASTOMOSIS** see **HEART BYPASS, RIGHT**

**CAVUS DEFORMITY** see **FOOT DEFORMITIES**

**CAYENNE PEPPER** see **CAPSICUM**

**CC CHEMOKINES** see **CHEMOKINES, CC**

**CCCP** see **CARBONYL CYANIDE M-CHLOROPHENYL HYDRAZONE**

**CCK RECEPTORS** see **RECEPTORS, CHOLECYSTOKININ**

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**CD4 MOLECULE** see **ANTIGENS, CD4**

## CD4-POSITIVE T-LYMPHOCYTES

see related
**ACQUIRED IMMUNODEFICIENCY SYNDROME**
**ANTIGENS, CD4**
**CD4-CD8 RATIO**
**T-LYMPHOCYTOPENIA, IDIOPATHIC**
**CD4-POSITIVE**

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**CD4 RECEPTORS** see **ANTIGENS, CD4**

**CD5 ANTIGENS** see **ANTIGENS, CD5**

**CD6 LIGAND** see **ACTIVATED-LEUKOCYTE CELL ADHESION MOLECULE**

**CD7 ANTIGENS** see **ANTIGENS, CD7**

**CD8 ANTIGENS** see **ANTIGENS, CD8**

## CD8-POSITIVE T-LYMPHOCYTES

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**CD10 ANTIGENS** see **NEPRILYSIN**

**CD11 ANTIGENS** see **ANTIGENS, CD11**

**CD11A ANTIGEN** see **LYMPHOCYTE FUNCTION–ASSOCIATED ANTIGEN–1**

**CD11B ANTIGEN** see **MACROPHAGE–1 ANTIGEN**

**CD11C ANTIGEN** see **ANTIGEN P150,95**

**CD13 ANTIGENS** see **ANTIGENS, CD13**

**CD14 ANTIGENS** see **ANTIGENS, CD14**

**CD15 ANTIGENS** see **ANTIGENS, CD15**

**CD16 ANTIGENS** see **RECEPTORS, IGG**

**CD18 ANTIGENS** see **ANTIGENS, CD18**

**CD19 ANTIGENS** see **ANTIGENS, CD19**

**CD20 ANTIGENS** see **ANTIGENS, CD20**

**CD21 ANTIGENS** see **RECEPTORS, COMPLEMENT 3D**

**CD23 ANTIGENS** see **RECEPTORS, IGE**

**CD25 ANTIGENS** see **RECEPTORS, INTERLEUKIN–2**

**CD26 ANTIGENS** see **ANTIGENS, CD26**

**CD27 ANTIGENS** see **ANTIGENS, CD27**

**CD28 ANTIGENS** see **ANTIGENS, CD28**

**CD29 ANTIGENS** see **ANTIGENS, CD29**

**CD30 ANTIGENS** see **ANTIGENS, CD30**

**CD30–POSITIVE ANAPLASTIC LARGE–CELL LYMPHOMA** see **LYMPHOMA, LARGE–CELL, KI–1**

**CD31 ANTIGENS** see **ANTIGENS, CD31**

**CD32 ANTIGENS** see **RECEPTORS, IGG**

**CD34 ANTIGENS** see **ANTIGENS, CD34**

**CD35 ANTIGENS** see **RECEPTORS, COMPLEMENT 3B**

**CD36 ANTIGENS** see **ANTIGENS, CD36**

**CD40 ANTIGENS** see **ANTIGENS, CD40**

**CD41 ANTIGENS** see **PLATELET GLYCOPROTEIN GPIIB–IIIA COMPLEX**

**CD42A ANTIGENS** see **PLATELET GLYCOPROTEIN GPIB–IX COMPLEX**

**CD42B ANTIGENS** see **PLATELET GLYCOPROTEIN GPIB–IX COMPLEX**

**CD42C ANTIGENS** see **PLATELET GLYCOPROTEIN GPIB–IX COMPLEX**

**CD42D ANTIGENS** see **PLATELET GLYCOPROTEIN GPIB–IX COMPLEX**

**CD44 ANTIGENS** see **ANTIGENS, CD44**

**CD45 ANTIGENS** see **ANTIGENS, CD45**

**CD45R ANTIGENS** see **ANTIGENS, CD45**

**CD45RA ANTIGENS** see **ANTIGENS, CD45**

**CD45RO ANTIGENS** see **ANTIGENS, CD45**

**CD54 ANTIGENS** see **INTERCELLULAR ADHESION MOLECULE–1**

**CD55 ANTIGENS** see **ANTIGENS, CD55**

**CD56 ANTIGENS** see **ANTIGENS, CD56**

**CD57 ANTIGENS** see **ANTIGENS, CD57**

**CD58 ANTIGENS** see **ANTIGENS, CD58**

**CD59 ANTIGENS** see **ANTIGENS, CD59**

**CD62E ANTIGENS** see **E–SELECTIN**

**CD62L ANTIGENS** see **L–SELECTIN**

**CD62P ANTIGENS** see **P–SELECTIN**

**CD64 ANTIGENS** see **RECEPTORS, IGG**

**CD73 ANTIGENS** see **5'–NUCLEOTIDASE**

**CD80 ANTIGENS** see **ANTIGENS, CD80**

**CD90 ANTIGENS** see **ANTIGENS, THY–1**

**CD95 ANTIGENS** see **ANTIGENS, CD95**

**CD106 ANTIGENS** see **VASCULAR CELL ADHESION MOLECULE–1**

**CD115 ANTIGENS** see **RECEPTORS, MACROPHAGE COLONY–STIMULATING FACTOR**

**CD116 ANTIGENS** see **RECEPTORS, GRANULOCYTE–MACROPHAGE COLONY–STIMULATING FACTOR**

**CD117 ANTIGENS** see **PROTO–ONCOGENE PROTEINS C–KIT**

**CDW121A ANTIGENS** see **RECEPTORS, INTERLEUKIN–1**

**CDW121B ANTIGENS** see **RECEPTORS, INTERLEUKIN–1**

**CD122 ANTIGENS** see **RECEPTORS, INTERLEUKIN–2**

**CD124 ANTIGENS** see **RECEPTORS, INTERLEUKIN–4**

**CD126 ANTIGENS** see **RECEPTORS, INTERLEUKIN–6**

**CD127 ANTIGENS** see **RECEPTORS, INTERLEUKIN–7**

**CD142 ANTIGENS** see **THROMBOPLASTIN**

**CD143 ANTIGENS** see **PEPTIDYL–DIPEPTIDASE A**

**CD166 ANTIGENS** see **ACTIVATED–LEUKOCYTE CELL ADHESION MOLECULE**

**CDC GENES** see **GENES, CDC**

**CDC PROTEINS** see **CELL CYCLE PROTEINS**

**CDC2 PROTEIN KINASE** see **PROTEIN P34CDC2**

**CDC13 PROTEIN** see **CYCLIN B**

## CDC28 PROTEIN KINASE

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**CDCL2** see **CADMIUM CHLORIDE**

**CDK PROTEINS** see **CYCLIN–DEPENDENT KINASES**

**CDK1** see **PROTEIN P34CDC2**

**CDKN2 GENES** see **GENES, P16**

**CDKN2 PROTEIN** see **PROTEIN P16**

**CDNA** see **DNA, COMPLEMENTARY**

**CDNA PROBES** see **DNA, COMPLEMENTARY**

**CDP** see **CYTIDINE DIPHOSPHATE**

**CDP CHOLINE** see **CYTIDINE DIPHOSPHATE CHOLINE**

**CDP–DG SYNTHASE** see **CDPDIACYLGLYCEROL–SERINE O–PHOSPHATIDYLTRANSFERASE**

**CDP DIACYLGLYCEROL–SERINE O–PHOSPHATIDYLTRANSFERASE** see **CDPDIACYLGLYCEROL–SERINE O–PHOSPHATIDYLTRANSFERASE**

**CDP DIGLYCERIDE SERINE O–PHOSPHATIDYLTRANSFERASE** see **CDPDIACYLGLYCEROL–SERINE O–PHOSPHATIDYLTRANSFERASE**

## CDPDIACYLGLYCEROL–SERINE O–PHOSPHATIDYLTRANSFERASE

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**CEBUELLA** see **CALLITRICHINAE**

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## CELL MEMBRANE

see related
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**MEMBRANE FLUIDITY**
**MEMBRANE FUSION**
**MEMBRANE GLYCOPROTEINS**
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## CERAMIDE TRIHEXOSIDASE

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**CERVICAL ESOPHAGOSTOMY** see **ESOPHAGOSTOMY**

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**CERVICAL SMEARS** see **VAGINAL SMEARS**

**CERVICAL TUBERCULOUS LYMPHADENITIS** see **TUBERCULOSIS, LYMPH NODE**

## CERVICAL VERTEBRAE

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**CGRP RECEPTORS** see **RECEPTORS, CALCITONIN GENE-RELATED PEPTIDE**

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